

10/581810

**NATIONAL PHASE
UTILITY APPLICATION****Transmittal to the (DO/EO/US)
Under 35 USC 371**

Attorney Docket No.: HERR13.001APC
First Named Inventor: Miguel Luis Mora Ortega
Int'l Application No.: PCT/ES2004/000529
Int'l Filing Date: November 26, 2004
Priority Date Claimed: December 4, 2003
Title: USE OF GENE NCSAG4 FOR THE DIAGNOSIS AND
PREVENTION OF NEOSPOROSIS AND AS A MARKER
FOR ANALYSIS OF THE PATHOGENESIS
Express Mail Label No.: EV815168256US

Direct all correspondence to Customer No.: 20995Date: June 2, 2006
Page 1 of 2**Mail Stop PCT**

United States Patent and Trademark Office
P.O. Box 1450
Alexandria VA 22313-1450

The following enclosures are transmitted herewith to be filed in the patent application of:

Inventors:

1. Miguel Luis Mora Ortega
2. Aurora Garcia Fernandez

APPLICATION ELEMENTS:

- (X) This is a FIRST submission of items concerning a filing under 35 U.S.C. § 371.
- (X) A copy of the International Application as filed (35 U.S.C. § 371(c)(2)) has been communicated by the International Bureau.
- (X) An English translation of the International Application as filed is attached hereto.
- (X) Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. § 371(c)(3)) have not been and will not be made.

OTHER APPLICATION PARTS:

- (X) Preliminary Amendment in 7 pages.
- (X) Abstract in 1 page.
- (X) Replacement drawings in 7 sheets.
- (X) Cover page of PCT publication WO 2005/053505.
- (X) Copy of International Search Report.
- (X) Return prepaid postcard.

NATIONAL PHASE UTILITY APPLICATION Transmittal to the (DO/EO/US) Under 35 USC 371	Attorney Docket No.: HERR13.001APC First Named Inventor: Miguel Luis Mora Ortega Int'l Application No.: PCT/ES2004/000529 Int'l Filing Date: November 26, 2004 Priority Date Claimed: December 4, 2003 Title: USE OF GENE NCSAG4 FOR THE DIAGNOSIS AND PREVENTION OF NEOSPOROSIS AND AS A MARKER FOR ANALYSIS OF THE PATHOGENESIS Express Mail Label No.: EV815168256US
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Date: June 2, 2006 Page 2 of 2	

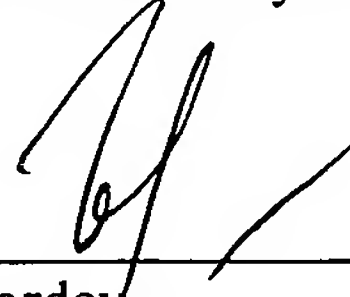
FILING FEES:

The present application qualifies for Small Entity Status under 37 CFR 1.27.

FEE CALCULATION				
FEE TYPE & DETERMINATION		SMALL FEE	CALCULATION	TOTAL
Basic Filing Fee under 1.492(a)		2631 (\$150)		\$150
Search Fee under 1.492(b) <i>(enter one in TOTAL column)</i>				
(1) USPTO was ISA/IPEA & claims satisfy Art. 33 (1)-(4)		2640 (\$0)		\$200
(2) USPTO was the ISA (noncompliant claims)		2641 (\$50)		
(3) Foreign Search Report Enclosed		2642 (\$200)		
(4) No Search Report Enclosed		2632 (\$250)		
Examination Fee under 1.492(c) <i>(enter one in TOTAL column)</i>				
(1) USPTO was ISA/IPEA & claims satisfy Art. 33 (1)-(4)		2643 (\$0)		\$100
(2) Non US IPEA or Noncompliant Claims		2633 (\$100)		
Excess Claims	31 - 20 = 11	2615 (\$25)	11 x 25 =	\$275
Excess Ind. Claims	4 - 3 = 1	2614 (\$100)	1 x 100 =	\$100
Multiple Dep. Claim		2616 (\$180)		\$180
Application Size Fee	0 - 100 = 0	2681 (\$125)	0 x 125 =	\$0
			TOTAL FEE DUE	\$1,005
TOTAL FEE PAID (If Different Than Fee Due)				\$

(X) A check in the amount of \$1,005 to cover the Total Fee Due is enclosed.

The Commissioner is hereby authorized to charge any additional fees which may be required, now or in the future, or credit any overpayment to Account No. 11-1410.


 Marina L. Gordey
 Registration No. 52,950
 Agent of Record
 Customer No. 20,995
 (805) 547-5580

Knobbe Martens Olson & Bear LLP

Intellectual Property Law

10/581810
AP9 Rec'd PCT/PTO 02 JUN 2006
2040 Main Street
Fourteenth Floor
Irvine, CA 92614
Tel 949-760-0404
Fax 949-760-9502
www.kmob.com

Marina L. Gordey, Ph.D.
Patent Agent
(805)547-5586
mgordey@kmob.com

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P.O. Box 1450
Alexandria, VA 22313-1450

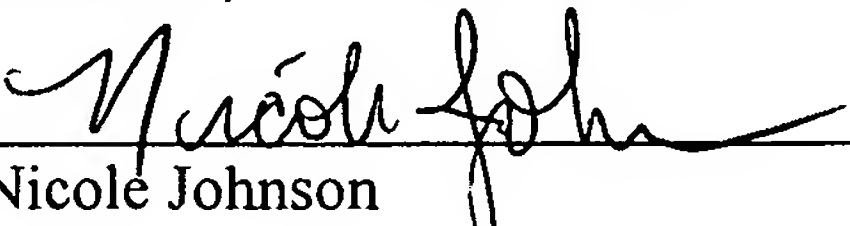
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Attorney Docket No. : HERR13.001APC
Applicant(s) : Ortega et al.
For : USE OF GENE NCSAG4 FOR THE
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Agent : Marina L. Gordey
"Express Mail" Label No. : EV815168256US
Date of Deposit : June 2, 2006

I hereby certify that the accompanying

Transmittal letter; Preliminary Amendment in 7 pages; Abstract in 1 page;
Replacement drawings in 7 sheets; English translation of specification in 32
pages; cover page of PCT publication; International Search Report; Check for
Filing Fee; Return Prepaid Postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and are addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.


Nicole Johnson

2649323:vr
060206

San Diego
619-235-8550

San Francisco
415-954-4114

Los Angeles
310-551-3450

Riverside
951-781-9231

San Luis Obispo
805-547-5580